

GROUNDWATER MONITORING REPORT ANNUAL EVENT JANUARY/FEBRUARY 2001

BRC Former C-6 Facility
Los Angeles, California

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June 20, 2001

1.0 INTRODUCTION

England Geosystem, Inc. (England Geosystem) in association with Haley & Aldrich Inc. (H&A) has prepared this report on behalf of Boeing Realty Corporation (BRC) to document the *Groundwater Monitoring Report Annual Event* (2001 Annual event) conducted at the BRC Former C-6 Facility in Los Angeles, California.

The 2001 Annual event at the Former C-6 Facility was conducted from January 15 to February 3, 2001. Due to unusual chemical concentration results at TMW-10 and difficulty locating TMW-13 supplemental sampling was conducted on May 10, 2001. The program including supplemental sampling:

- Monitoring groundwater levels in 33 wells.
- Sampling of groundwater from 33 wells and subsequent analysis for Volatile Organic Compounds (VOCs) by US Environmental Protection Agency (EPA) Method 8260B, Title 22 Metals by EPA Method 6010B, Mercury by EPA Method 7470A, and Hexavalent Chromium by EPA Method 7196A.
- Field bioattenuation monitoring in 15 wells for dissolved oxygen (DO), oxidation-reduction potential (ORP), temperature, pH, and conductivity.
- Laboratory bioattenuation monitoring in 15 wells for Total Alkalinity by EPA Method 2320B; Chloride, Nitrate, Nitrite, and Sulfate by EPA Method 300.0A; Total Organic Carbon (TOC) by EPA Method 415.1; Ethane, Ethene, and Methane by EPA Method RSK-175; Ferrous Iron by EPA Method 3500-FE D; Dissolved Metals and Cations by EPA Method 6010B; and Mercury by EPA 7470A.

This report provides documentation and discussion of the 2001 Annual event.

2.0 SITE BACKGROUND

2.1 Site Location

The BRC Former C-6 Facility (Site) is located at 19503 South Normandie Avenue in Los Angeles, California in an area located between the cities of Torrance to the west and Carson to the east. A Site location map is included as Figure 1 and a Site plan map as Figure 2. The Site occupies approximately 159 acres.

The Site is bounded on the north by 190th Street and to the east by Normandie Avenue. To the west of the Site is the former Industrial Light Metals (ILM) facility and to the south, the former Montrose facility and a residential area.



Final



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